ABSTRACT
OF
WARD NO. 11

BRUHAT BANGALORE MAHANAGARA PALIKE	
PREPARATION OF DPR FOR PACKAGE NO. 04	
(PACKAGE CONSISTS OF 28 WORKS IN WARD NO 10 AND WARD NO 11)	
Sl No	**List of Roads**
1	Improvements and Asphalting to Roads and Drains at Kuvempunagara 1st Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.
2	Improvements and Asphalting to Roads and Drains at Kuvempunagara 2nd Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.
3	Improvements and Asphalting to Roads and Drains at Singapura Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.
4	Improvements and Asphalting to Roads and Drains at Lakkappa Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.
5	Improvements and Asphalting to Roads and Drains at Bharathnagara Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.
6	Improvements and Asphalting to Roads and Drains at Singapura old Village Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.
7	Improvements and Asphalting to Roads and Drains at Valmikinagara Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.
9	Improvements and Asphalting to Roads and Drains at Ramachandrapura, Raghuram Layout, Devappa layout Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.
10	Improvements and Asphalting to Roads and Drains at Gangamma Gudi backside Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.
11	Improvements and Asphalting to Roads and Drains at Shimadri Layout in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.
12	Improvements and Asphalting to Roads and Drains at Singapura Garden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.
13	Improvements and Asphalting to Roads and Drains at Srinidhi Layout, Vyshnavi Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.
14	Impovements and Asphalting to Roads and Drains at Indian Express Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.
15	Improvements and Asphalting to Roads and Drains at Balaji Layout and Surrounding area in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.
16	Improvements and Asphalting to Roads and Drains Singapura Paradise and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.
17	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.
18	Improvements and Asphalting to Roads and Drains at Saigarden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.
19	Improvements and Asphalting to Roads and Drains at Kallathur Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.
20	Improvements and Asphalting to Roads and Drains at Singapura Garden Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.
21	Improvements and Asphalting to Roads and Drains at Naidu Layout and Muthu Mariyamma Temple Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.

ABSTRACT ESTIMATE					
Sl. No.	**Description of Work**	**Unit**	**Quantity**	**Rate in Rs.**	**Amount in Rs.**

1	**Earthwork in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, roads drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up lift 1.5, excavated surface leveled and neatly dressed disposed earth to be leveled after breaking of clods and neatly dressed as per specifications and as per the directions of the Engineer-in-charge of the work .**	**Cum**	**7848.13**	**166.42**	**1306086.56**
a	Improvements and Asphalting to Roads and Drains at Kuvempunagara 1st Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		213.33		
b	Improvements and Asphalting to Roads and Drains at Kuvempunagara 2nd Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		671.88		
c	Improvements and Asphalting to Roads and Drains at Singapura Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		664.40		
d	Improvements and Asphalting to Roads and Drains at Lakkappa Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		514.60		
e	Improvements and Asphalting to Roads and Drains at Bharathnagara Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		140.20		
f	Improvements and Asphalting to Roads and Drains at Singapura old Village Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		230.29		
g	Improvements and Asphalting to Roads and Drains at Valmikinagara Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		439.87		
h	Improvements and Asphalting to Roads and Drains at Ramachandrapura, Raghuram Layout, Devappa layout Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		753.30		
i	Improvements and Asphalting to Roads and Drains at Gangamma Gudi backside Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		522.61		
j	Improvements and Asphalting to Roads and Drains at Shimadri Layout in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		235.62		
k	Improvements and Asphalting to Roads and Drains at Singapura Garden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		331.34		
l	Improvements and Asphalting to Roads and Drains at Srinidhi Layout, Vyshnavi Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		629.25		
m	Impovements and Asphalting to Roads and Drains at Indian Express Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		1026.32		
n	Improvements and Asphalting to Roads and Drains at Balaji Layout and Surrounding area in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		107.57		

o	Improvements and Asphalting to Roads and Drains Singapura Paradise and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		276.58		
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		164.96		
q	Improvements and Asphalting to Roads and Drains at Saigarden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		138.34		
s	Improvements and Asphalting to Roads and Drains at Singapura Garden Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		470.18		
t	Improvements and Asphalting to Roads and Drains at Naidu Layout and Muthu Mariyamma Temple Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		317.50		
2	**Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work .(Road)**	**Cum**	**250.35**	**5159.02**	**1291545.95**
b	Improvements and Asphalting to Roads and Drains at Kuvempunagara 2nd Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		39.24		
n	Improvements and Asphalting to Roads and Drains at Balaji Layout and Surrounding area in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		13.95		
r	Improvements and Asphalting to Roads and Drains at Kallathur Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		197.16		
2(a)	**Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work .(Playground)**	**Cum**	**5.17**	**5256.36**	**27178.01**
q	Improvements and Asphalting to Roads and Drains at Saigarden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		5.17		
3	**Removing B.S.slab of Drain and stacking as per the directions of the Engineer-in-charge of the work .**	**Sqm**	**2519.83**	**65.72**	**165603.06**

a	Improvements and Asphalting to Roads and Drains at Kuvempunagara 1st Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		89.71		
b	Improvements and Asphalting to Roads and Drains at Kuvempunagara 2nd Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		237.99		
c	Improvements and Asphalting to Roads and Drains at Singapura Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		256.22		
d	Improvements and Asphalting to Roads and Drains at Lakkappa Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		84.70		
e	Improvements and Asphalting to Roads and Drains at Bharathnagara Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		49.26		
f	Improvements and Asphalting to Roads and Drains at Singapura old Village Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		92.22		
g	Improvements and Asphalting to Roads and Drains at Valmikinagara Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		54.98		
h	Improvements and Asphalting to Roads and Drains at Ramachandrapura, Raghuram Layout, Devappa layout Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		252.76		
i	Improvements and Asphalting to Roads and Drains at Gangamma Gudi backside Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		192.67		
j	Improvements and Asphalting to Roads and Drains at Shimadri Layout in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		29.45		
k	Improvements and Asphalting to Roads and Drains at Singapura Garden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		72.08		
l	Improvements and Asphalting to Roads and Drains at Srinidhi Layout, Vyshnavi Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		122.75		
m	Impovements and Asphalting to Roads and Drains at Indian Express Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		289.34		
n	Improvements and Asphalting to Roads and Drains at Balaji Layout and Surrounding area in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		38.83		
o	Improvements and Asphalting to Roads and Drains Singapura Paradise and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		114.19		
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		63.46		
q	Improvements and Asphalting to Roads and Drains at Saigarden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		51.88		

r	Improvements and Asphalting to Roads and Drains at Kallathur Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		156.49		
s	Improvements and Asphalting to Roads and Drains at Singapura Garden Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		180.78		
t	Improvements and Asphalting to Roads and Drains at Naidu Layout and Muthu Mariyamma Temple Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		90.06		
4	**Removing and refixing stone slabs of drains and pointing in CM (1:3) as per the directions of the Engineer-in-charge of the work .**	**Sqm**	**1673.85**	**80.56**	**134845.33**
d	Improvements and Asphalting to Roads and Drains at Lakkappa Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		334.01		
e	Improvements and Asphalting to Roads and Drains at Bharathnagara Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		7.92		
g	Improvements and Asphalting to Roads and Drains at Valmikinagara Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		329.90		
h	Improvements and Asphalting to Roads and Drains at Ramachandrapura, Raghuram Layout, Devappa layout Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		105.11		
i	Improvements and Asphalting to Roads and Drains at Gangamma Gudi backside Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		13.37		
j	Improvements and Asphalting to Roads and Drains at Shimadri Layout in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		176.72		
k	Improvements and Asphalting to Roads and Drains at Singapura Garden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		156.53		
l	Improvements and Asphalting to Roads and Drains at Srinidhi Layout, Vyshnavi Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		145.80		
m	Impovements and Asphalting to Roads and Drains at Indian Express Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		221.28		
s	Improvements and Asphalting to Roads and Drains at Singapura Garden Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		183.22		
5	**Providing granite slabs of selected quality roughly dressed havinf a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing etc., complete as per the directions of the Engineer-in-charge of the work .**	**Sqm**	**371.97**	**665.68**	**247616.28**
d	Improvements and Asphalting to Roads and Drains at Lakkappa Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		55.67		

e	Improvements and Asphalting to Roads and Drains at Bharathnagara Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		1.32		
g	Improvements and Asphalting to Roads and Drains at Valmikinagara Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		54.98		
h	Improvements and Asphalting to Roads and Drains at Ramachandrapura, Raghuram Layout, Devappa layout Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		17.52		
i	Improvements and Asphalting to Roads and Drains at Gangamma Gudi backside Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		2.23		
j	Improvements and Asphalting to Roads and Drains at Shimadri Layout in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		29.45		
k	Improvements and Asphalting to Roads and Drains at Singapura Garden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		26.09		
l	Improvements and Asphalting to Roads and Drains at Srinidhi Layout, Vyshnavi Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		24.30		
m	Impovements and Asphalting to Roads and Drains at Indian Express Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		36.88		
n	Improvements and Asphalting to Roads and Drains at Balaji Layout and Surrounding area in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		93.00		
s	Improvements and Asphalting to Roads and Drains at Singapura Garden Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		30.54		
6	**Providing granite slabs of selected quality roughly dressed havinf a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete as per the directions of the Engineer-in-charge of the work .(Road)**	**Sqm**	**2448.34**	**825.74**	**2021690.00**
a	Improvements and Asphalting to Roads and Drains at Kuvempunagara 1st Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		89.71		
b	Improvements and Asphalting to Roads and Drains at Kuvempunagara 2nd Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		237.99		
c	Improvements and Asphalting to Roads and Drains at Singapura Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		256.22		
d	Improvements and Asphalting to Roads and Drains at Lakkappa Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		29.03		
e	Improvements and Asphalting to Roads and Drains at Bharathnagara Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		41.77		
f	Improvements and Asphalting to Roads and Drains at Singapura old Village Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		92.22		

h	Improvements and Asphalting to Roads and Drains at Ramachandrapura, Raghuram Layout, Devappa layout Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		235.24		
i	Improvements and Asphalting to Roads and Drains at Gangamma Gudi backside Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		190.44		
k	Improvements and Asphalting to Roads and Drains at Singapura Garden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		45.99		
l	Improvements and Asphalting to Roads and Drains at Srinidhi Layout, Vyshnavi Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		173.63		
m	Impovements and Asphalting to Roads and Drains at Indian Express Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		242.36		
n	Improvements and Asphalting to Roads and Drains at Balaji Layout and Surrounding area in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		317.83		
o	Improvements and Asphalting to Roads and Drains Singapura Paradise and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		114.19		
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		63.46		
q	Improvements and Asphalting to Roads and Drains at Saigarden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		51.88		
s	Improvements and Asphalting to Roads and Drains at Singapura Garden Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		150.25		
t	Improvements and Asphalting to Roads and Drains at Naidu Layout and Muthu Mariyamma Temple Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		116.13		
7	**Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work .**	**Cum**	**552.63**	**86.92**	**48034.72**
a	Improvements and Asphalting to Roads and Drains at Kuvempunagara 1st Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		0.28		
b	Improvements and Asphalting to Roads and Drains at Kuvempunagara 2nd Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		3.76		
d	Improvements and Asphalting to Roads and Drains at Lakkappa Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		7.16		

e	Improvements and Asphalting to Roads and Drains at Bharathnagara Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		82.72		
f	Improvements and Asphalting to Roads and Drains at Singapura old Village Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		141.63		
g	Improvements and Asphalting to Roads and Drains at Valmikinagara Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		0.10		
i	Improvements and Asphalting to Roads and Drains at Gangamma Gudi backside Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		88.80		
l	Improvements and Asphalting to Roads and Drains at Srinidhi Layout, Vyshnavi Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		1.25		
m	Impovements and Asphalting to Roads and Drains at Indian Express Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		1.46		
o	Improvements and Asphalting to Roads and Drains Singapura Paradise and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		16.65		
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		51.61		
t	Improvements and Asphalting to Roads and Drains at Naidu Layout and Muthu Mariyamma Temple Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		157.20		
8	**Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications and as per the directions of the Engineer-in-charge of the work**	**Cum**	**644.91**	**48.76**	**31445.77**
b	Improvements and Asphalting to Roads and Drains at Kuvempunagara 2nd Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		32.02		
c	Improvements and Asphalting to Roads and Drains at Singapura Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		98.37		
n	Improvements and Asphalting to Roads and Drains at Balaji Layout and Surrounding area in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		166.05		
q	Improvements and Asphalting to Roads and Drains at Saigarden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		285.46		
t	Improvements and Asphalting to Roads and Drains at Naidu Layout and Muthu Mariyamma Temple Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		63.02		

9	**Lead for disposal of earth shall be payable at Carriage rates (Lead & Lift) by mechanical means including loading and unloading up to 15kms as per the directions of the Engineer-in-charge of the work .**	**Cum**	**9694.05**	**122.96**	**1191980.22**
a	Improvements and Asphalting to Roads and Drains at Kuvempunagara 1st Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		255.51		
b	Improvements and Asphalting to Roads and Drains at Kuvempunagara 2nd Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		788.58		
c	Improvements and Asphalting to Roads and Drains at Singapura Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		762.76		
d	Improvements and Asphalting to Roads and Drains at Lakkappa Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		582.79		
e	Improvements and Asphalting to Roads and Drains at Bharathnagara Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		396.18		
f	Improvements and Asphalting to Roads and Drains at Singapura old Village Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		371.92		
g	Improvements and Asphalting to Roads and Drains at Valmikinagara Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		439.97		
h	Improvements and Asphalting to Roads and Drains at Ramachandrapura, Raghuram Layout, Devappa layout Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		753.30		
i	Improvements and Asphalting to Roads and Drains at Gangamma Gudi backside Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		611.42		
j	Improvements and Asphalting to Roads and Drains at Shimadri Layout in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		235.62		
k	Improvements and Asphalting to Roads and Drains at Singapura Garden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		331.34		
l	Improvements and Asphalting to Roads and Drains at Srinidhi Layout, Vyshnavi Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		680.18		
m	Impovements and Asphalting to Roads and Drains at Indian Express Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		1091.68		
n	Improvements and Asphalting to Roads and Drains at Balaji Layout and Surrounding area in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		273.62		
o	Improvements and Asphalting to Roads and Drains Singapura Paradise and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		366.34		
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		249.27		

q	Improvements and Asphalting to Roads and Drains at Saigarden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		423.80		
s	Improvements and Asphalting to Roads and Drains at Singapura Garden Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		470.18		
t	Improvements and Asphalting to Roads and Drains at Naidu Layout and Muthu Mariyamma Temple Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		609.60		
10	**Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) as per the directions of the Engineer-in-charge of the work**	**Cum**	**1446.37**	**320.12**	**463013.33**
b	Improvements and Asphalting to Roads and Drains at Kuvempunagara 2nd Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		94.22		
c	Improvements and Asphalting to Roads and Drains at Singapura Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		163.95		
n	Improvements and Asphalting to Roads and Drains at Balaji Layout and Surrounding area in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		276.75		
q	Improvements and Asphalting to Roads and Drains at Saigarden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		475.77		
r	Improvements and Asphalting to Roads and Drains at Kallathur Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		330.67		
t	Improvements and Asphalting to Roads and Drains at Naidu Layout and Muthu Mariyamma Temple Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		105.03		
11	**Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications and as per the directions of the Engineer-in-charge of the work(road)**	**Sqm**	**5859.03**	**5.30**	**31052.85**
b	Improvements and Asphalting to Roads and Drains at Kuvempunagara 2nd Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		510.29		
c	Improvements and Asphalting to Roads and Drains at Singapura Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		655.78		
n	Improvements and Asphalting to Roads and Drains at Balaji Layout and Surrounding area in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		1106.99		

q	Improvements and Asphalting to Roads and Drains at Saigarden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		1903.06		
r	Improvements and Asphalting to Roads and Drains at Kallathur Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		1262.79		
t	Improvements and Asphalting to Roads and Drains at Naidu Layout and Muthu Mariyamma Temple Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		420.12		
11(a)	**Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications and as per the directions of the Engineer-in-charge of the work (PLAYGROUND)**	**Sqm**	**3120.20**	**5.40**	**16849.06**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		3120.20		
12	**Providing,laying, spreading and compacting crushed stone aggregates of granite/trap/ basalt to wet mix macadam specification including pre mixing the Material with water at OMC in mechanical mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in sub-base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density. complete as per specifications and as per the directions of the Engineer-in-charge of the work .**	**Cum**	**1931.86**	**1768.08**	**3415689.73**
a	Improvements and Asphalting to Roads and Drains at Kuvempunagara 1st Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		0.28		
b	Improvements and Asphalting to Roads and Drains at Kuvempunagara 2nd Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		57.12		
c	Improvements and Asphalting to Roads and Drains at Singapura Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		302.12		
d	Improvements and Asphalting to Roads and Drains at Lakkappa Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		0.59		
e	Improvements and Asphalting to Roads and Drains at Bharathnagara Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		103.62		
f	Improvements and Asphalting to Roads and Drains at Singapura old Village Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		141.63		
g	Improvements and Asphalting to Roads and Drains at Valmikinagara Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		0.69		
i	Improvements and Asphalting to Roads and Drains at Gangamma Gudi backside Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		88.80		

l	Improvements and Asphalting to Roads and Drains at Srinidhi Layout, Vyshnavi Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		1.25		
m	Impovements and Asphalting to Roads and Drains at Indian Express Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		1.46		
n	Improvements and Asphalting to Roads and Drains at Balaji Layout and Surrounding area in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		276.75		
o	Improvements and Asphalting to Roads and Drains Singapura Paradise and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		167.94		
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		51.61		
q	Improvements and Asphalting to Roads and Drains at Saigarden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		475.77		
t	Improvements and Asphalting to Roads and Drains at Naidu Layout and Muthu Mariyamma Temple Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		262.23		
13	**Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specifications and as per the directions of the Engineer-in-charge of the work .**	**Sqm**	**7060.35**	**30.74**	**217035.16**
a	Improvements and Asphalting to Roads and Drains at Kuvempunagara 1st Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		1718.55		
f	Improvements and Asphalting to Roads and Drains at Singapura old Village Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		1787.50		
h	Improvements and Asphalting to Roads and Drains at Ramachandrapura, Raghuram Layout, Devappa layout Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		2870.40		
k	Improvements and Asphalting to Roads and Drains at Singapura Garden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		507.50		
o	Improvements and Asphalting to Roads and Drains Singapura Paradise and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		176.40		

14	**Cleaning the existing WBM Road surface including removing of binding materials and other foreign matter with wire brushes and small picks sweeping with brooms or soft brushes and finally dusting with old gunny bags and bar or compressed air to receive bituminous treatment including cost of all materials, labhour, HOM of machineries complet as per specifications and as per the directions of the Engineer-in-charge of the work .**	**Sqm**	**19160.36**	**13.78**	**264029.82**
a	Improvements and Asphalting to Roads and Drains at Kuvempunagara 1st Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		1719.78		
b	Improvements and Asphalting to Roads and Drains at Kuvempunagara 2nd Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		229.79		
c	Improvements and Asphalting to Roads and Drains at Singapura Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		1468.02		
d	Improvements and Asphalting to Roads and Drains at Lakkappa Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		31.14		
e	Improvements and Asphalting to Roads and Drains at Bharathnagara Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		413.60		
f	Improvements and Asphalting to Roads and Drains at Singapura old Village Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		2435.78		
g	Improvements and Asphalting to Roads and Drains at Valmikinagara Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		0.44		
h	Improvements and Asphalting to Roads and Drains at Ramachandrapura, Raghuram Layout, Devappa layout Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		2870.40		
i	Improvements and Asphalting to Roads and Drains at Gangamma Gudi backside Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		386.10		
j	Improvements and Asphalting to Roads and Drains at Shimadri Layout in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		1763.26		
k	Improvements and Asphalting to Roads and Drains at Singapura Garden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		2585.64		
l	Improvements and Asphalting to Roads and Drains at Srinidhi Layout, Vyshnavi Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		5.45		
m	Impovements and Asphalting to Roads and Drains at Indian Express Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		6.34		
n	Improvements and Asphalting to Roads and Drains at Balaji Layout and Surrounding area in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		1106.99		

o	Improvements and Asphalting to Roads and Drains Singapura Paradise and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		906.58		
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		224.40		
q	Improvements and Asphalting to Roads and Drains at Saigarden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		1903.06		
t	Improvements and Asphalting to Roads and Drains at Naidu Layout and Muthu Mariyamma Temple Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		1103.60		
15	**Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications and as per the directions of the Engineer-in-charge of the work .**	**Sqm**	**19160.36**	**27.56**	**528059.63**
a	Improvements and Asphalting to Roads and Drains at Kuvempunagara 1st Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		1719.78		
b	Improvements and Asphalting to Roads and Drains at Kuvempunagara 2nd Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		229.79		
c	Improvements and Asphalting to Roads and Drains at Singapura Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		1468.02		
d	Improvements and Asphalting to Roads and Drains at Lakkappa Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		31.14		
e	Improvements and Asphalting to Roads and Drains at Bharathnagara Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		413.60		
f	Improvements and Asphalting to Roads and Drains at Singapura old Village Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		2435.78		
g	Improvements and Asphalting to Roads and Drains at Valmikinagara Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		0.44		
h	Improvements and Asphalting to Roads and Drains at Ramachandrapura, Raghuram Layout, Devappa layout Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		2870.40		
i	Improvements and Asphalting to Roads and Drains at Gangamma Gudi backside Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		386.10		
j	Improvements and Asphalting to Roads and Drains at Shimadri Layout in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		1763.26		
k	Improvements and Asphalting to Roads and Drains at Singapura Garden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		2585.64		

l	Improvements and Asphalting to Roads and Drains at Srinidhi Layout, Vyshnavi Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		5.45		
m	Impovements and Asphalting to Roads and Drains at Indian Express Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		6.34		
n	Improvements and Asphalting to Roads and Drains at Balaji Layout and Surrounding area in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		1106.99		
o	Improvements and Asphalting to Roads and Drains Singapura Paradise and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		906.58		
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		224.40		
q	Improvements and Asphalting to Roads and Drains at Saigarden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		1903.06		
t	Improvements and Asphalting to Roads and Drains at Naidu Layout and Muthu Mariyamma Temple Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		1103.60		
16	**Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen as per the directions of the Engineer-in-charge of the work .**	**Cum**	**1021.82**	**7120.02**	**7275403.47**
a	Improvements and Asphalting to Roads and Drains at Kuvempunagara 1st Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		90.29		
b	Improvements and Asphalting to Roads and Drains at Kuvempunagara 2nd Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		12.06		
c	Improvements and Asphalting to Roads and Drains at Singapura Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		68.96		
d	Improvements and Asphalting to Roads and Drains at Lakkappa Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		1.63		
e	Improvements and Asphalting to Roads and Drains at Bharathnagara Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		21.71		
f	Improvements and Asphalting to Roads and Drains at Singapura old Village Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		151.89		

g	Improvements and Asphalting to Roads and Drains at Valmikinagara Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		0.02		
h	Improvements and Asphalting to Roads and Drains at Ramachandrapura, Raghuram Layout, Devappa layout Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		150.70		
i	Improvements and Asphalting to Roads and Drains at Gangamma Gudi backside Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		20.27		
j	Improvements and Asphalting to Roads and Drains at Shimadri Layout in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		92.57		
k	Improvements and Asphalting to Roads and Drains at Singapura Garden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		135.75		
l	Improvements and Asphalting to Roads and Drains at Srinidhi Layout, Vyshnavi Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		0.29		
m	Impovements and Asphalting to Roads and Drains at Indian Express Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		0.33		
n	Improvements and Asphalting to Roads and Drains at Balaji Layout and Surrounding area in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		58.12		
o	Improvements and Asphalting to Roads and Drains Singapura Paradise and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		47.60		
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		11.78		
q	Improvements and Asphalting to Roads and Drains at Saigarden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		99.91		
t	Improvements and Asphalting to Roads and Drains at Naidu Layout and Muthu Mariyamma Temple Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		57.94		
17	**Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specifications and as per the directions of the Engineer-in-charge of the work .**	**Sqm**	**91186.67**	**3.18**	**289973.61**
a	Improvements and Asphalting to Roads and Drains at Kuvempunagara 1st Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		2586.34		
b	Improvements and Asphalting to Roads and Drains at Kuvempunagara 2nd Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		7089.07		
c	Improvements and Asphalting to Roads and Drains at Singapura Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		8141.40		

d	Improvements and Asphalting to Roads and Drains at Lakkappa Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		6086.95		
e	Improvements and Asphalting to Roads and Drains at Bharathnagara Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		1427.25		
f	Improvements and Asphalting to Roads and Drains at Singapura old Village Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		3135.43		
g	Improvements and Asphalting to Roads and Drains at Valmikinagara Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		5592.35		
h	Improvements and Asphalting to Roads and Drains at Ramachandrapura, Raghuram Layout, Devappa layout Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		7787.59		
i	Improvements and Asphalting to Roads and Drains at Gangamma Gudi backside Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		5603.00		
j	Improvements and Asphalting to Roads and Drains at Shimadri Layout in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		2793.67		
k	Improvements and Asphalting to Roads and Drains at Singapura Garden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		4151.34		
l	Improvements and Asphalting to Roads and Drains at Srinidhi Layout, Vyshnavi Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		6130.95		
m	Impovements and Asphalting to Roads and Drains at Indian Express Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		8748.76		
n	Improvements and Asphalting to Roads and Drains at Balaji Layout and Surrounding area in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		2336.48		
o	Improvements and Asphalting to Roads and Drains Singapura Paradise and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		2992.44		
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		1728.50		
q	Improvements and Asphalting to Roads and Drains at Saigarden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		3718.83		
s	Improvements and Asphalting to Roads and Drains at Singapura Garden Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		7690.27		
t	Improvements and Asphalting to Roads and Drains at Naidu Layout and Muthu Mariyamma Temple Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		3446.06		

18	**Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications and as per the directions of the Engineer-in-charge of the work .**	**Sqm**	**91186.67**	**12.72**	**1159894.44**
a	Improvements and Asphalting to Roads and Drains at Kuvempunagara 1st Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		2586.34		
b	Improvements and Asphalting to Roads and Drains at Kuvempunagara 2nd Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		7089.07		
c	Improvements and Asphalting to Roads and Drains at Singapura Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		8141.40		
d	Improvements and Asphalting to Roads and Drains at Lakkappa Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		6086.95		
e	Improvements and Asphalting to Roads and Drains at Bharathnagara Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		1427.25		
f	Improvements and Asphalting to Roads and Drains at Singapura old Village Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		3135.43		
g	Improvements and Asphalting to Roads and Drains at Valmikinagara Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		5592.35		
h	Improvements and Asphalting to Roads and Drains at Ramachandrapura, Raghuram Layout, Devappa layout Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		7787.59		
i	Improvements and Asphalting to Roads and Drains at Gangamma Gudi backside Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		5603.00		
j	Improvements and Asphalting to Roads and Drains at Shimadri Layout in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		2793.67		
k	Improvements and Asphalting to Roads and Drains at Singapura Garden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		4151.34		
l	Improvements and Asphalting to Roads and Drains at Srinidhi Layout, Vyshnavi Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		6130.95		
m	Impovements and Asphalting to Roads and Drains at Indian Express Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		8748.76		
n	Improvements and Asphalting to Roads and Drains at Balaji Layout and Surrounding area in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		2336.48		
o	Improvements and Asphalting to Roads and Drains Singapura Paradise and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		2992.44		

p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		1728.50		
q	Improvements and Asphalting to Roads and Drains at Saigarden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		3718.83		
s	Improvements and Asphalting to Roads and Drains at Singapura Garden Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		7690.27		
t	Improvements and Asphalting to Roads and Drains at Naidu Layout and Muthu Mariyamma Temple Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		3446.06		
19	**Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction complete in all respects as per specifications and as per the directions of the Engineer-in-charge of the work .**	**Cum**	**4000.26**	**8118.54**	**32476295.65**
a	Improvements and Asphalting to Roads and Drains at Kuvempunagara 1st Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		113.80		
b	Improvements and Asphalting to Roads and Drains at Kuvempunagara 2nd Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		311.92		
c	Improvements and Asphalting to Roads and Drains at Singapura Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		358.22		
d	Improvements and Asphalting to Roads and Drains at Lakkappa Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		267.83		
e	Improvements and Asphalting to Roads and Drains at Bharathnagara Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		48.47		
f	Improvements and Asphalting to Roads and Drains at Singapura old Village Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		137.96		
g	Improvements and Asphalting to Roads and Drains at Valmikinagara Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		246.06		
h	Improvements and Asphalting to Roads and Drains at Ramachandrapura, Raghuram Layout, Devappa layout Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		342.65		
i	Improvements and Asphalting to Roads and Drains at Gangamma Gudi backside Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		246.53		
j	Improvements and Asphalting to Roads and Drains at Shimadri Layout in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		122.92		

k	Improvements and Asphalting to Roads and Drains at Singapura Garden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		182.66		
l	Improvements and Asphalting to Roads and Drains at Srinidhi Layout, Vyshnavi Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		269.76		
m	Impovements and Asphalting to Roads and Drains at Indian Express Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		387.32		
n	Improvements and Asphalting to Roads and Drains at Balaji Layout and Surrounding area in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		102.81		
o	Improvements and Asphalting to Roads and Drains Singapura Paradise and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		131.67		
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		76.05		
q	Improvements and Asphalting to Roads and Drains at Saigarden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		163.63		
s	Improvements and Asphalting to Roads and Drains at Singapura Garden Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		338.37		
t	Improvements and Asphalting to Roads and Drains at Naidu Layout and Muthu Mariyamma Temple Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		151.63		
20	**Providing Plastic to Bituminous concrete @ 8%**	**Kg**	**37442.46**	**28.62**	**1071603.27**
a	Improvements and Asphalting to Roads and Drains at Kuvempunagara 1st Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		1065.16		
b	Improvements and Asphalting to Roads and Drains at Kuvempunagara 2nd Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		2919.56		
c	Improvements and Asphalting to Roads and Drains at Singapura Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		3352.95		
d	Improvements and Asphalting to Roads and Drains at Lakkappa Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		2506.85		
e	Improvements and Asphalting to Roads and Drains at Bharathnagara Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		453.70		
f	Improvements and Asphalting to Roads and Drains at Singapura old Village Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		1291.30		
g	Improvements and Asphalting to Roads and Drains at Valmikinagara Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		2303.15		

h	Improvements and Asphalting to Roads and Drains at Ramachandrapura, Raghuram Layout, Devappa layout Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		3207.24		
i	Improvements and Asphalting to Roads and Drains at Gangamma Gudi backside Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		2307.54		
j	Improvements and Asphalting to Roads and Drains at Shimadri Layout in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		1150.54		
k	Improvements and Asphalting to Roads and Drains at Singapura Garden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		1709.69		
l	Improvements and Asphalting to Roads and Drains at Srinidhi Layout, Vyshnavi Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		2524.97		
m	Impovements and Asphalting to Roads and Drains at Indian Express Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		3625.33		
n	Improvements and Asphalting to Roads and Drains at Balaji Layout and Surrounding area in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		962.26		
o	Improvements and Asphalting to Roads and Drains Singapura Paradise and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		1232.41		
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		711.87		
q	Improvements and Asphalting to Roads and Drains at Saigarden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		1531.56		
s	Improvements and Asphalting to Roads and Drains at Singapura Garden Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		3167.16		
t	Improvements and Asphalting to Roads and Drains at Naidu Layout and Muthu Mariyamma Temple Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		1419.23		
21	**Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications and as per the directions of the Engineer-in-charge of the work .**	**Sqm**	**3392.82**	**542.72**	**1841351.27**
a	Improvements and Asphalting to Roads and Drains at Kuvempunagara 1st Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		95.28		

b	Improvements and Asphalting to Roads and Drains at Kuvempunagara 2nd Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		274.38		
c	Improvements and Asphalting to Roads and Drains at Singapura Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		335.20		
d	Improvements and Asphalting to Roads and Drains at Lakkappa Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		210.60		
e	Improvements and Asphalting to Roads and Drains at Bharathnagara Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		46.86		
f	Improvements and Asphalting to Roads and Drains at Singapura old Village Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		114.94		
g	Improvements and Asphalting to Roads and Drains at Valmikinagara Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		183.28		
h	Improvements and Asphalting to Roads and Drains at Ramachandrapura, Raghuram Layout, Devappa layout Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		306.47		
i	Improvements and Asphalting to Roads and Drains at Gangamma Gudi backside Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		216.71		
j	Improvements and Asphalting to Roads and Drains at Shimadri Layout in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		84.45		
k	Improvements and Asphalting to Roads and Drains at Singapura Garden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		153.36		
l	Improvements and Asphalting to Roads and Drains at Srinidhi Layout, Vyshnavi Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		219.92		
m	Impovements and Asphalting to Roads and Drains at Indian Express Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		364.21		
n	Improvements and Asphalting to Roads and Drains at Balaji Layout and Surrounding area in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		79.10		
o	Improvements and Asphalting to Roads and Drains Singapura Paradise and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		119.90		
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		63.40		
q	Improvements and Asphalting to Roads and Drains at Saigarden and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		114.76		
s	Improvements and Asphalting to Roads and Drains at Singapura Garden Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		286.70		

t	Improvements and Asphalting to Roads and Drains at Naidu Layout and Muthu Mariyamma Temple Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		123.30		
22	**Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specification and as per the directions of the Engineer-in-charge of the work .**	**Cum**	**648.37**	**827.86**	**536762.49**
a	Improvements and Asphalting to Roads and Drains at Kuvempunagara 1st Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		41.90		
b	Improvements and Asphalting to Roads and Drains at Kuvempunagara 2nd Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		80.93		
d	Improvements and Asphalting to Roads and Drains at Lakkappa Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		61.02		
e	Improvements and Asphalting to Roads and Drains at Bharathnagara Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		173.26		
l	Improvements and Asphalting to Roads and Drains at Srinidhi Layout, Vyshnavi Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		49.68		
m	Impovements and Asphalting to Roads and Drains at Indian Express Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		63.90		
o	Improvements and Asphalting to Roads and Drains Singapura Paradise and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		73.11		
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		32.70		
t	Improvements and Asphalting to Roads and Drains at Naidu Layout and Muthu Mariyamma Temple Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		71.89		

23	**Construction of dry lean cement concrete mix CC1:5:10 with OPC cement @160Kgs, with 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @ 0.58cum Sub- base over a prepared sub-grade with (coarse and fine aggregate conforming to IS: 383) aggregate cement ratio not to exceed 15:1. Aggregate gradation after blending to be as per Table 600-1, cement content not to be less than 160 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications and as per the directions of the Engineer-in-charge of the work .**	**Cum**	**648.37**	**3986.66**	**2584844.70**
a	Improvements and Asphalting to Roads and Drains at Kuvempunagara 1st Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		41.90		
b	Improvements and Asphalting to Roads and Drains at Kuvempunagara 2nd Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		80.93		
d	Improvements and Asphalting to Roads and Drains at Lakkappa Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		61.02		
e	Improvements and Asphalting to Roads and Drains at Bharathnagara Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		173.26		
l	Improvements and Asphalting to Roads and Drains at Srinidhi Layout, Vyshnavi Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		49.68		
m	Impovements and Asphalting to Roads and Drains at Indian Express Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		63.90		
o	Improvements and Asphalting to Roads and Drains Singapura Paradise and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		73.11		
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		32.70		
t	Improvements and Asphalting to Roads and Drains at Naidu Layout and Muthu Mariyamma Temple Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		71.89		

24	**Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications and as per the directions of the Engineer-in-charge of the work .**	**Cum**	**839.70**	**6217.96**	**5221210.35**
a	Improvements and Asphalting to Roads and Drains at Kuvempunagara 1st Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		43.99		
b	Improvements and Asphalting to Roads and Drains at Kuvempunagara 2nd Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		112.44		
d	Improvements and Asphalting to Roads and Drains at Lakkappa Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		64.07		
e	Improvements and Asphalting to Roads and Drains at Bharathnagara Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		181.92		
l	Improvements and Asphalting to Roads and Drains at Srinidhi Layout, Vyshnavi Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		52.16		
m	Impovements and Asphalting to Roads and Drains at Indian Express Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		67.10		
o	Improvements and Asphalting to Roads and Drains Singapura Paradise and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		76.77		
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		34.34		
r	Improvements and Asphalting to Roads and Drains at Kallathur Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		131.44		

t	Improvements and Asphalting to Roads and Drains at Naidu Layout and Muthu Mariyamma Temple Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		75.48		
25	**Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Conrete Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms and 2Ltr of Primer per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications and as per the directions of the Engineer-in-charge of the work .**	**Sqm**	**177.34**	**685.82**	**121623.32**
a	Improvements and Asphalting to Roads and Drains at Kuvempunagara 1st Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		9.80		
b	Improvements and Asphalting to Roads and Drains at Kuvempunagara 2nd Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		16.60		
d	Improvements and Asphalting to Roads and Drains at Lakkappa Layout and Surrounding areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		13.56		
e	Improvements and Asphalting to Roads and Drains at Bharathnagara Cross Roads in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		54.62		
l	Improvements and Asphalting to Roads and Drains at Srinidhi Layout, Vyshnavi Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		14.40		
m	Impovements and Asphalting to Roads and Drains at Indian Express Layout and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		14.20		
o	Improvements and Asphalting to Roads and Drains Singapura Paradise and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		24.64		
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		8.00		
t	Improvements and Asphalting to Roads and Drains at Naidu Layout and Muthu Mariyamma Temple Main Road and Surrounding areas in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		21.52		
26	**Providing and laying reinforced cement precast slab of mix CC 1:1.5:3 using 20mm down size graded Granite metal using HYSD 10mm dia steel @10mm c/c both ways**	**Sqm**	**28.01**	**1957.00**	**54815.57**
b	Improvements and Asphalting to Roads and Drains at Kuvempunagara 2nd Stage in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.		28.01		

27	**Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of thorney jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials labour charges complete as per specifications and as per the directions of the Engineer-in-charge of the work .**	**Sqm**	**3120.20**	**9.72**	**30328.30**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		3120.20		
28	**Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications.(which includes cost of gravel / murrum, watering charges & compaction by vibratory roller) as per the directions of the Engineer-in-charge of the work .**	**Cum**	**624.04**	**326.16**	**203536.61**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		624.04		
29	**Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in Ordinary Soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.**	**Cum**	**39.14**	**204.12**	**7988.54**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		39.14		
30	**Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.64cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.**	**Cum**	**33.97**	**5985.36**	**203298.74**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		33.97		

31	**Fabrication supplying and erecting M.S. tubular trusses of all spans with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S. pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, letc., complete as per specification**	**kg**	**3880.80**	**118.80**	**461039.04**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		3880.80		
32	**Mild Steel pipe 100mm dia 2.5 thick**	**m**	**12.40**	**286.20**	**3548.88**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		12.40		
33	**Providing and Fixing Barricading net For Badminton court**	**Sqm**	**340.00**	**300.00**	**102000.00**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		340.00		
34	**Providing and fixing Badminton net**	**Each**	**2.00**	**10000.00**	**20000.00**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		2.00		
35	**Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces complete as per specifications**	**Sqm**	**147.42**	**71.28**	**10508.10**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		147.42		
36	**Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications**	**Sqm**	**69.96**	**31.32**	**2191.15**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		69.96		

37	**Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.**	**Sqm**	**1035.68**	**88.56**	**91719.64**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		1035.68		
38	**Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge.**	**Cum**	**39.14**	**125.28**	**4903.02**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		39.14		
39	**Fabricating, supplying and erecting swaged tubular pole of height ...Mtr having three sections, and providing two coats of red oxide paint and finished with two coats of enameled paint of approved quality and colour and M.S. base plate of suitable size welded at the bottom of the pole(as per IS) and 40mm dia GI / flexible PVC pipe of 1 mtr length fitted to the heavy gauge polycarbonate control box including 5way connector of size 167x125x82mm for 7.5M pole/200x160x98mm for remaining length of pole with front opening cover, with locking arrangements and suitable capacity MCB / DP switch, The pole shall be erected in cement concrete work (1:2:4) including excavation and refilling of planting depth of the pole to the ground level and the coping CC shall be up to 0.6M above ground level as per IS 2713 - 7. Erection of heavy duty pole on Footpath / median** **9Mt (5Mt Hb,165.1mm dia 4.85mm thick x2M Hm, 139.7mm dia 4.50mm thick x 2M Ht,114.3mm dia 3.65mm thick) as per IS 410 SP 32**	**Nos**	**4.00**	**15000.00**	**60000.00**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		4.00		
40	**Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A.** **2 core 10 sqmmFrom pole to meter**	**m**	**50.00**	**87.60**	**4380.00**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		50.00		

41	**Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A. 4 core 10 sqmm for FLOOD lighitng**	**m**	**100.00**	**118.80**	**11880.00**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		100.00		
42	**Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct. 6 sqmm to 16 sqmm**	**m**	**150.00**	**10.80**	**1620.00**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		150.00		
43	**Digging of trench of 0.6m deep * 0.50mtr wide refiling the trench to the required ground level & consolidating etc., complete. (As per Civil SR KSRB I-2, P.7) (750MTRS Street lighting and 50mtrs for training room to near electrical pole) In soil (hard)**	**m**	**100.00**	**106.00**	**10600.00**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		100.00		
44	**Providing and filling sand in excavated trench to cover already laid UG cable to a depth of 150mm all-round the cable.**	**m**	**100.00**	**103.00**	**10300.00**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		100.00		
45	**Supply and Installation / Fixing / Provision of Pole box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Ph / 1 Ph connections with Loop-In & Loop-Out terminals for 10 Sqmm / 25 Sqmm 3.5 C Al/Ar / Cu/Ar Cable and branch out 2.5 Sqmm 2 core Al/Cu PVC Insulated cable, enclosed in a Thermoplastic, Polystyrene enclosure, which should be shock proof, safe, IP65(Weather Proof), rust proof, dust proof, water proof having Internally Embedded Gasket with provision for cable entry through IP65 Thermoplastic, polyamide glands and/or grommets. 200mm*200mm**98mm.**	**Nos**	**4.00**	**2178.00**	**8712.00**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		4.00		

46	**LED Flood Light. Supplying of LED Floodlight with .....W System Power consumption pressure die cast aluminum housing with powder coating with IP 65 protection. 1, 200-275V voltage with electronic Driver, PF>0.9, should meet ANSI 2G Vibration test, Compliance to UL/CE with Class I. System rating shall be 50K hrs. @ Lumen maintenance of 70%, system efficacy > 80lm/w. Over load & Short circuit protection ensures reliable operation in spite of problem in output side. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with .....W System Power consumption. LED Efficiency>130lm/w at 1W & Fixture Efficiency >80lm/w with nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 5 Years against any manufacturing defect working under**	**Nos**	**8.00**	**23577.00**	**188616.00**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		8.00		
47	**Fixing halogen/metal halide / SVL / IL / LED floodlight fitting over existing pole / wall ceiling including clamps, bolts, nuts and wiring using suitable capacity wires.**	**Each**	**8.00**	**176.00**	**1408.00**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		8.00		
48	**Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes. 4sqmm**	**Nos**	**2.00**	**6.25**	**12.50**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		2.00		
49	**Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes. 6sqmm**	**Nos**	**4.00**	**6.25**	**25.00**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		4.00		
50	**Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes. 16sqmm**	**Nos**	**4.00**	**7.65**	**30.60**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		4.00		
51	**Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes. 16sqmm**	**Nos**	**8.00**	**11.31**	**90.48**

p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		8.00		
52	**Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A. 2.5 sqmm for internal FLOOD lighting wiring**	**m**	**80.00**	**29.20**	**2336.00**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		80.00		
53	**Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A. 4 sqmm for main feeder upto DB**	**m**	**50.00**	**42.10**	**2105.00**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		50.00		
54	**Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A. 6 sqmm for main feeder upto DB+100mtrs for earthing**	**m**	**200.00**	**63.80**	**12760.00**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		200.00		
55	**Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32 Amps SP. Group'A'**	**Nos**	**6.00**	**418.00**	**2508.00**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		6.00		
56	**Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32 Amps DP. Group'A'**	**Nos**	**2.00**	**849.00**	**1698.00**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		2.00		

57	**Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.II - Double Door 12WaySP&N. Group'A'**	**Nos**	**2.00**	**1622.00**	**3244.00**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		2.00		
58	**Supplying, fixing and wiring Earth Leakage Miniature Circuit Breaker [ELMCB] 240/450V up to 300mA sensitivity on existing wood/panel board. 16-25 Amps 2 pole**	**Nos**	**2.00**	**2412.00**	**4824.00**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		2.00		
59	**Supply and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws. 10"x8"x1.5"**	**Nos**	**2.00**	**92.00**	**184.00**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		2.00		
60	**Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers. 16Amps**	**Nos**	**2.00**	**120.00**	**240.00**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		2.00		
61	**Supplying, fixing and wiring electronic 5 to 20Amps single phase Class-1 Accuracy with Temper Proof Energy Meter.**	**Nos**	**2.00**	**1188.00**	**2376.00**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		2.00		
62	**Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. 40x40x6mm**	**m**	**8.00**	**263.00**	**2104.00**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		8.00		

63	**Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete. 40x40x6mm**	**Sqcms**	**15000.00**	**0.37**	**5550.00**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		15000.00		
64	**Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia**	**Nos**	**2.00**	**2727.00**	**5454.00**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		2.00		
65	**Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required. GI strip 25x3mm**	**m**	**10.00**	**77.00**	**770.00**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		10.00		
66	**Bescom Deposit**	**LS**	**25000.00**	**1.00**	**25000.00**
p	Improvements and Asphalting to Roads and Drains at Varadarajswamy layout 2nd Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.		25000.00		
				Sub Total	**65545423.20**
	Preparation of DPR And Project management Consultancy Charges(2% of estimated cost)				1340000
				Miscellenious and rounding	114577
				TOTAL AMOUNT	**67000000**
	RUPEES SIX CRORE AND SEVENTY LAKHS ONLY				

Assistant Executive Engineer
Vidyaranyapura Sub Division
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